

## Performance Report for: <http://www.toolsqa.com/>

Report generated: Wed, Mar 9, 2016, 12:22 AM -0800

Test Server Region: Vancouver, Canada

Using: Firefox (Desktop) 43.0.4, PageSpeed 1.12.16, YSlow 3.1.8

PageSpeed Score

**A (91%)** ^

YSlow Score

**B (81%)** ♦

Page Load Time

**4.0s** ^

Total Page Size

**1.43MB** ^

Requests

**95** v

### Top 5 Priority Issues

Defer parsing of JavaScript	F (0)	v	AVG SCORE: 55%	JS	HIGH
Remove query strings from static resources	F (49)	v	AVG SCORE: 85%	CONTENT	HIGH
Serve resources from a consistent URL	D (62)	v	AVG SCORE: 94%	CONTENT	HIGH
Optimize the order of styles and scripts	B (85)	v	AVG SCORE: 93%	CSS/JS	HIGH
Specify a cache validator	A (90)	♦	AVG SCORE: 93%	SERVER	HIGH

### How does this affect me?

Studies show that users leave a site if it hasn't loaded in 4 seconds; keep your users happy and engaged by providing a fast performing website.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**

### About GTmetrix

We can help you develop a faster, more efficient, and all-around improved website experience for your users. We use Google PageSpeed and Yahoo! YSlow to grade your site's performance and provide actionable recommendations to fix these issues.

### About the Developer

**GT.net**  
Performance Hosting

GTmetrix is developed by the good folks at **GT.net**, a Vancouver-based performance hosting company with over 20 years experience in web technology.

<https://gt.net/>

### What do these grades mean?

This report is an analysis of your site with Google and Yahoo!'s metrics for how to best develop a site for optimized speed. The **grades you see represent** how well the scanned URL adheres to those rules.

Lower grades (C or lower) mean that the page can stand to be faster using better practices and optimizing your settings.

### What's in this report?

This report covers basic to technical analyses on your page. It is categorized under many headings:

- **Executive:** Overall score information and Priority Issues
- **History:** Graphed history of past performance
- **Waterfall:** Graph of your site's loading timeline
- **Technical:** In-depth PageSpeed & YSlow information

These will provide you with a snapshot of your performance.

## Waterfall Chart

The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

TOOLSQA | Tutorials on Selenium, Java, TestNG, Cuc...pec Flow, Maven, IBATIS, Appium, Mobile AUTomation

+	GET www.toolsqa.c	301 Mo	toolsqa.cor	24.1 KB	61ms	
+	GET toolsqa.com	200 OK	toolsqa.cor	24.1 KB	90ms	
+	GET validationEngi	200 OK	20tvni1sjxj	933 B	14ms	
+	GET crayon.min.cs	200 OK	20tvni1sjxj	4.7 KB	14ms	
+	GET layerslider.css	200 OK	20tvni1sjxj	3.6 KB	14ms	
+	GET css?family=La	200 OK	fonts.goog	600 B	55ms	
+	GET styles.css?ver	200 OK	20tvni1sjxj	501 B	20ms	
+	GET settings.css?r	200 OK	20tvni1sjxj	7.1 KB	13ms	
+	GET css?family=O	200 OK	fonts.goog	243 B	55ms	
+	GET css?family=O	200 OK	fonts.goog	255 B	75ms	
+	GET css?family=O	200 OK	fonts.goog	243 B	76ms	
+	GET css?family=O	200 OK	fonts.goog	261 B	65ms	
+	GET main.min.css?	200 OK	20tvni1sjxj	106.7 KB	25ms	
+	GET font-awesome	200 OK	20tvni1sjxj	5.2 KB	29ms	
+	GET custom-e79ec	200 OK	20tvni1sjxj	57 KB	36ms	
+	GET media.min.css	200 OK	20tvni1sjxj	5.8 KB	32ms	
+	GET royalslider.css	200 OK	20tvni1sjxj	8 KB	32ms	
+	GET style.css?ver=	200 OK	20tvni1sjxj	770 B	28ms	
+	GET custom.css?ve	200 OK	20tvni1sjxj	57.3 KB	42ms	
+	GET jquery.js?ver=	200 OK	20tvni1sjxj	37.9 KB	41ms	
+	GET jquery-migrat	200 OK	20tvni1sjxj	3.2 KB	42ms	
+	GET jquery.themej	200 OK	20tvni1sjxj	35 KB	41ms	
+	GET jquery.themej	200 OK	20tvni1sjxj	29.2 KB	41ms	
+	GET modernizr.js?	200 OK	20tvni1sjxj	5.1 KB	42ms	
+	GET svg-icons.min.	200 OK	20tvni1sjxj	9.8 KB	48ms	
+	GET js_composer_	200 OK	20tvni1sjxj	12.9 KB	52ms	
+	GET Toolsqa.jpg	200 OK	20tvni1sjxj	8.8 KB	100ms	
+	GET jquery.themej	200 OK	20tvni1sjxj	35 KB	53ms	
+	GET jquery.themej	200 OK	20tvni1sjxj	29.2 KB	52ms	
+	GET dummy.png	200 OK	20tvni1sjxj	115 B	100ms	
+	GET eclipse-logo.pi	200 OK	20tvni1sjxj	21.7 KB	100ms	
+	GET testng-mini-lo	200 OK	20tvni1sjxj	24.5 KB	100ms	
+	GET java-1.png	200 OK	20tvni1sjxj	17.1 KB	100ms	
+	GET System-Prefe	200 OK	20tvni1sjxj	22.1 KB	100ms	
+	GET se-logo.png	200 OK	20tvni1sjxj	20.7 KB	107ms	
+	GET SeleniumAuto	200 OK	20tvni1sjxj	31 KB	107ms	
+	GET log4j.png	200 OK	20tvni1sjxj	31.3 KB	108ms	
+	GET excel_logo.pn	200 OK	20tvni1sjxj	21.2 KB	108ms	
+	GET Raveesh-Rai-!	200 OK	20tvni1sjxj	1.3 KB	108ms	
+	GET Serghei-50x50	200 OK	20tvni1sjxj	1.6 KB	108ms	
+	GET Jeremy-50x50	200 OK	20tvni1sjxj	1.1 KB	116ms	
+	GET Vitali-Dambaje	200 OK	20tvni1sjxj	1.2 KB	116ms	
+	GET Amit-Mathur-!	200 OK	20tvni1sjxj	1.5 KB	116ms	
+	GET VIJAI-KOTEHA	200 OK	20tvni1sjxj	1.5 KB	120ms	
+	GET Sweta-50x50.j	200 OK	20tvni1sjxj	1.4 KB	119ms	
+	GET Abida-50x50.j	200 OK	20tvni1sjxj	2.3 KB	123ms	
+	GET Jagdeesh-50x	200 OK	20tvni1sjxj	1.2 KB	129ms	
+	GET 10686634_10	200 OK	20tvni1sjxj	1.1 KB	129ms	
+	GET 24cf5f-50x50	200 OK	20tvni1sjxj	1.3 KB	129ms	
+	GET Toolsqa1.jpg	200 OK	20tvni1sjxj	5.4 KB	129ms	
+	GET crayon.min.js?	200 OK	20tvni1sjxj	7.6 KB	50ms	
+	GET layerslider.kre	200 OK	20tvni1sjxj	22.3 KB	50ms	



## PageSpeed Recommendations

## RECOMMENDATION

## GRADE

## RELATIVE

## TYPE

## PRIORITY

## Defer parsing of JavaScript

F (0)

▼ AVG SCORE: 55%

JS

HIGH

732.9KiB of JavaScript is parsed during initial page load. Defer parsing JavaScript to reduce blocking of page rendering.

- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/js/plugins.min.js?ver=4.3.0.1> (113.2KiB)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-includes/js/jquery/jquery.js?ver=1.11.1> (85.7KiB)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/revslider/rs-plugin/js/jquery.themepunch.tools.min.js?rev=4.5.9> (82.9KiB)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/revslider/rs-plugin/js/jquery.themepunch.tools.min.js?rev=4.5.9&ver=4.0.9> (82.9KiB)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/revslider/rs-plugin/js/jquery.themepunch.revolution.min.js?rev=4.5.9> (81.6KiB)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/revslider/rs-plugin/js/jquery.themepunch.revolution.min.js?rev=4.5.9&ver=4.0.9> (81.6KiB)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/royalslider/jquery.royalslider.js?ver=4.3.0.1> (65.8KiB)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/js/main.min.js?ver=4.3.0.1> (42.3KiB)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/crayon-syntax-highlighter/js/min/crayon.min.js?ver=2.7.1> (19.2KiB)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/contact-form-7/includes/js/jquery.form.min.js?ver=3.51.0-2014.06.20> (12.5KiB)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/js/modernizr.js?ver=4.3.0.1> (9.7KiB)
- [http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/wpbakery/js\\_composer/assets/js/js\\_composer\\_front.js?ver=4.2.3](http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/wpbakery/js_composer/assets/js/js_composer_front.js?ver=4.2.3) (9.2KiB)
- [http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/wpbakery/js\\_composer/assets/lib/jquery-waypoints/waypoints.min.js?ver=4.2.3](http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/wpbakery/js_composer/assets/lib/jquery-waypoints/waypoints.min.js?ver=4.2.3) (7.2KiB)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-includes/js/jquery/ui/jquery.ui.accordion.min.js?ver=1.10.4> (6.3KiB)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/contact-form-7/includes/js/scripts.js?ver=4.0.1> (6.1KiB)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-includes/js/jquery/ui/jquery.ui.widget.min.js?ver=1.10.4> (5.8KiB)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-includes/js/jquery/jquery-migrate.min.js?ver=1.2.1> (5.5KiB)
- <http://toolsqa.com/> (4.2KiB of inline JavaScript)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-includes/js/jquery/ui/jquery.ui.core.min.js?ver=1.10.4> (3.6KiB)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/js/desktop-tablet.min.js?ver=4.3.0.1> (3.5KiB)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/js/desktop.min.js?ver=4.3.0.1> (1.4KiB)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/js/svg-icons.min.js?ver=4.3.0.1> (1.2KiB)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-includes/js/comment-reply.min.js?ver=4.0.9> (622B)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/LayerSlider/static/js/greensock.js?ver=1.11.2> (347B)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/LayerSlider/static/js/ayerslider.kreaturamedia.jquery.js?ver=5.1.1> (347B)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/LayerSlider/static/js/ayerslider.transitions.js?ver=5.1.1> (227B)

## Remove query strings from static resources

F (49)

▼ AVG SCORE: 85%

CONTENT

HIGH

Resources with a "?" in the URL are not cached by some proxy caching servers. Remove the query string and encode the parameters into the URL for the following resources:

- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/LayerSlider/static/css/ayerslider.css?ver=5.1.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/LayerSlider/static/js/greensock.js?ver=1.11.2>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/LayerSlider/static/js/ayerslider.kreaturamedia.jquery.js?ver=5.1.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/LayerSlider/static/js/ayerslider.transitions.js?ver=5.1.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/contact-form-7/includes/css/styles.css?ver=4.0.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/contact-form-7/includes/js/jquery.form.min.js?ver=3.51.0-2014.06.20>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/contact-form-7/includes/js/scripts.js?ver=4.0.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/crayon-syntax-highlighter/css/min/crayon.min.css?ver=2.7.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/crayon-syntax-highlighter/js/min/crayon.min.js?ver=2.7.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/revslider/rs-plugin/css/settings.css?rev=4.5.9&ver=4.0.9>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/revslider/rs-plugin/js/jquery.themepunch.revolution.min.js?rev=4.5.9>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/revslider/rs-plugin/js/jquery.themepunch.tools.min.js?rev=4.5.9>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/revslider/rs-plugin/js/jquery.themepunch.tools.min.js?rev=4.5.9&ver=4.0.9>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/css/custom.css?ver=4.3.0.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/css/font-awesome.min.css?ver=4.3.0.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/css/main.min.css?ver=4.3.0.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/css/media.min.css?ver=4.3.0.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/js/desktop-tablet.min.js?ver=4.3.0.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/js/desktop.min.js?ver=4.3.0.1>

- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/js/main.min.js?ver=4.3.0.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/js/modernizr.js?ver=4.3.0.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/js/plugins.min.js?ver=4.3.0.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/js/plugins/validator/validationEngine.jquery.css?ver=4.0.9>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/js/svg-icons.min.js?ver=4.3.0.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/royalslider/jquery.royalslider.js?ver=4.3.0.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/royalslider/royalslider.css?ver=4.3.0.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/style.css?ver=4.3.0.1>
- [http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/wpbakery/js\\_composer/assets/css/js\\_composer\\_front.css?ver=4.2.3](http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/wpbakery/js_composer/assets/css/js_composer_front.css?ver=4.2.3)
- [http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/wpbakery/js\\_composer/assets/js/js\\_composer\\_front.js?ver=4.2.3](http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/wpbakery/js_composer/assets/js/js_composer_front.js?ver=4.2.3)
- [http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/wpbakery/js\\_composer/assets/lib/jquery-waypoints/waypoints.min.js?ver=4.2.3](http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/wpbakery/js_composer/assets/lib/jquery-waypoints/waypoints.min.js?ver=4.2.3)
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/uploads/wp-less/dt-the7/css/custom-e79ec4bc7d.css?ver=4.3.0.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-includes/js/comment-reply.min.js?ver=4.0.9>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-includes/js/jquery/jquery-migrate.min.js?ver=1.2.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-includes/js/jquery/jquery.js?ver=1.11.1>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-includes/js/jquery/ui/jquery.ui.accordion.min.js?ver=1.10.4>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-includes/js/jquery/ui/jquery.ui.core.min.js?ver=1.10.4>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-includes/js/jquery/ui/jquery.ui.widget.min.js?ver=1.10.4>

**Serve resources from a consistent URL**

D (62)

AVG SCORE: 94%

CONTENT

HIGH

The following resources have identical contents, but are served from different URLs. Serve these resources from a consistent URL to save 1 request(s) and 106.6KiB.

- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/revslider/rs-plugin/js/jquery.themepunch.revolution.min.js?rev=4.5.9>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/revslider/rs-plugin/js/jquery.themepunch.revolution.min.js?rev=4.5.9&ver=4.0.9>

The following resources have identical contents, but are served from different URLs. Serve these resources from a consistent URL to save 1 request(s) and 88.8KiB.

- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/revslider/rs-plugin/js/jquery.themepunch.tools.min.js?rev=4.5.9>
- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/revslider/rs-plugin/js/jquery.themepunch.tools.min.js?rev=4.5.9&ver=4.0.9>

The following resources have identical contents, but are served from different URLs. Serve these resources from a consistent URL to save 1 request(s) and 5.4KiB.

- <http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/uploads/2014/08/Toolsqa1.jpg>
- <http://toolsqa.com/wp-content/uploads/2014/08/Toolsqa1.jpg>

**Optimize the order of styles and scripts**

B (85)

AVG SCORE: 93%

CSS/JS

HIGH

The following external CSS files were included after an external JavaScript file in <http://toolsqa.com/>. To ensure CSS files are downloaded in parallel, always include external CSS before external JavaScript.

- [http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/wpbakery/js\\_composer/assets/css/js\\_composer\\_front.css?ver=4.2.3](http://20tni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/wpbakery/js_composer/assets/css/js_composer_front.css?ver=4.2.3)

**Specify a cache validator**

A (90)

AVG SCORE: 93%

SERVER

HIGH

The following resources are missing a cache validator. Resources that do not specify a cache validator cannot be refreshed efficiently. Specify a Last-Modified or ETag header to enable cache validation for the following resources:

- <http://fonts.googleapis.com/css?family=Lato:100,300,regular,700,900|Open+Sans:300|Indie+Flower:regular|Oswald:300,regular,700&subset=latin,latin-ext>
- <http://fonts.googleapis.com/css?family=Open+Sans%3A300&ver=4.0.9>
- <http://fonts.googleapis.com/css?family=Open+Sans%3A600&ver=4.0.9>
- <http://fonts.googleapis.com/css?family=Open+Sans&subset=greek-ext&ver=4.0.9>
- <http://fonts.googleapis.com/css?family=Open+Sans&ver=4.0.9>
- <http://fonts.googleapis.com/css?family=Open+Sans:400,800,300,700>
- <https://d31qbv1cthcecs.cloudfront.net/atrk.js>

## Specify image dimensions

A (90)

▲ AVG SCORE: 49%

IMAGES

HIGH

The following image(s) are missing width and/or height attributes.

- <http://20twni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/revslider/images/dummy.png> (Dimensions: 240 x 240)
- <http://www.toolsqa.com/wp-content/uploads/2014/08/happy-students.png> (Dimensions: 851 x 800)

## Avoid landing page redirects

A (93)

◆ AVG SCORE: 97%

SERVER

HIGH

To speed up page load times for visitors of your site, remove as many landing page redirections as possible, and make any required redirections cacheable if possible.

- <http://www.toolsqa.com/> is a short-cacheable (10 minutes) redirect to <http://toolsqa.com/>

## Minimize redirects

A (93)

◆ AVG SCORE: 92%

CONTENT

HIGH

Remove the following redirect chain if possible:

- <http://cloudfront-labs.amazonaws.com/x.png>
- <http://abd47a68d3eb65940ab2b1a97f4408141.profile.atl50.cloudfront.net/test.png>

## Serve scaled images

A (97)

▲ AVG SCORE: 80%

IMAGES

HIGH

The following images are resized in HTML or CSS. Serving scaled images could save 22.4KiB (36% reduction).

- <http://20twni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/uploads/2014/08/log4j.png> is resized in HTML or CSS from 207x139 to 159x107. Serving a scaled image could save 12.8KiB (41% reduction).
- <http://20twni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/uploads/2014/08/Toolsqa1.jpg> is resized in HTML or CSS from 242x70 to 121x35. Serving a scaled image could save 4.0KiB (75% reduction).
- <http://toolsqa.com/wp-content/uploads/2014/08/Toolsqa1.jpg> is resized in HTML or CSS from 242x70 to 121x35. Serving a scaled image could save 4.0KiB (75% reduction).
- <http://20twni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/uploads/2014/08/se-logo.png> is resized in HTML or CSS from 165x149 to 159x143. Serving a scaled image could save 1.6KiB (8% reduction).

## Leverage browser caching

A (98)

▲ AVG SCORE: 63%

SERVER

HIGH

The following cacheable resources have a short freshness lifetime. Specify an expiration at least one week in the future for the following resources:

- <http://www.google-analytics.com/analytics.js> (2 hours)

## Minify CSS

A (98)

▲ AVG SCORE: 90%

CSS

HIGH

Minifying the following CSS resources could reduce their size by 5.4KiB (3% reduction).

- Minifying <http://20twni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/royalslider/royalslider.css?ver=4.3.0.1> could save 1.3KiB (21% reduction) after compression. See [optimized version](#)
- Minifying [http://20twni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/wpbakery/js\\_composer/assets/css/js\\_composer\\_front.css?ver=4.2.3](http://20twni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/wpbakery/js_composer/assets/css/js_composer_front.css?ver=4.2.3) could save 1019B (10% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sxyh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/css/custom.css?ver=4.3.0.1> could save 701B (2% reduction)



after compression. See [optimized version](#)

- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/style.css?ver=4.3.0.1> could save 620B (82% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/uploads/wp-less/dt-the7/css/custom-e79ec4bc7d.css?ver=4.3.0.1> could save 485B (2% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/LayerSlider/static/css/layerslider.css?ver=5.1.1> could save 446B (15% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/css/main.min.css?ver=4.3.0.1> could save 382B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/css/media.min.css?ver=4.3.0.1> could save 139B (4% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/js/plugins/validator/validationEngine.jquery.css?ver=4.0.9> could save 132B (17% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/css/font-awesome.min.css?ver=4.3.0.1> could save 101B (3% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/contact-form-7/includes/css/styles.css?ver=4.0.1> could save 27B (6% reduction) after compression. See [optimized version](#)
- Minifying <http://fonts.googleapis.com/css?family=Open+Sans%3A300&ver=4.0.9> could save 19B (8% reduction). See [optimized version](#)
- Minifying <http://fonts.googleapis.com/css?family=Open+Sans%3A600&ver=4.0.9> could save 19B (8% reduction). See [optimized version](#)
- Minifying <http://fonts.googleapis.com/css?family=Open+Sans&subset=greek-ext&ver=4.0.9> could save 19B (8% reduction). See [optimized version](#)
- Minifying <http://fonts.googleapis.com/css?family=Open+Sans&ver=4.0.9> could save 19B (8% reduction). See [optimized version](#)
- Minifying <http://fonts.googleapis.com/css?family=Lato:100,300,regular,700,900|Open+Sans:300|Indie+Flower:regular|Oswald:300,regular,700&subset=latin,latin-ext> could save 14B (3% reduction) after compression. See [optimized version](#)
- Minifying <http://fonts.googleapis.com/css?family=Open+Sans:400,800,300,700> could save 12B (4% reduction) after compression. See [optimized version](#)

## Minify JavaScript

A (98)



AVG SCORE: 92%

JS

HIGH

Minifying the following JavaScript resources could reduce their size by 3.2KiB (2% reduction).

- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/js/main.min.js?ver=4.3.0.1> could save 722B (5% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/js/plugins.min.js?ver=4.3.0.1> could save 415B (2% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/js/modernizr.js?ver=4.3.0.1> could save 251B (6% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/contact-form-7/includes/js/scripts.js?ver=4.0.1> could save 246B (10% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/LayerSlider/static/js/greensock.js?ver=1.11.2> could save 242B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/contact-form-7/includes/js/jquery.form.min.js?ver=3.51.0-2014.06.20> could save 202B (4% reduction) after compression. See [optimized version](#)
- Minifying [http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/wpbakery/js\\_composer/assets/lib/jquery-waypoints/waypoints.min.js?ver=4.2.3](http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/themes/dt-the7/wpbakery/js_composer/assets/lib/jquery-waypoints/waypoints.min.js?ver=4.2.3) could save 163B (7% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/LayerSlider/static/js/layerslider.transitions.js?ver=5.1.1> could save 144B (5% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/LayerSlider/static/js/layerslider.kreaturamedia.jquery.js?ver=5.1.1> could save 129B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/revslider/rs-plugin/js/jquery.themepunch.revolution.min.js?rev=4.5.9> could save 109B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-content/plugins/revslider/rs-plugin/js/jquery.themepunch.revolution.min.js?rev=4.5.9&ver=4.0.9> could save 109B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-includes/js/jquery/ui/jquery.ui.widget.min.js?ver=1.10.4> could save 102B (5% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-includes/js/jquery/ui/jquery.ui.accordion.min.js?ver=1.10.4> could save 100B (4% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-includes/js/jquery/ui/jquery.ui.core.min.js?ver=1.10.4> could save 96B (6% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-includes/js/jquery/jquery-migrate.min.js?ver=1.2.1> could save 79B (3% reduction) after compression. See [optimized version](#)
- Minifying <http://20twni1sjxh352kld2slvc.wpengine.netdna-cdn.com/wp-includes/js/jquery/jquery.js?ver=1.11.1> could save 64B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://www.google-analytics.com/analytics.js> could save 51B (1% reduction) after compression. See [optimized version](#)
- Minifying <https://d31qbv1cthcecs.cloudfront.net/atrk.js> could save 3B (1% reduction) after compression. See [optimized version](#)

## Enable gzip compression

A (99)



AVG SCORE: 86%

SERVER

HIGH

Compressing the following resources with gzip could reduce their transfer size by 177B (18% reduction).

- Compressing <http://fonts.googleapis.com/css?family=Open+Sans%3A300&ver=4.0.9> could save 49B (20% reduction).
- Compressing <http://fonts.googleapis.com/css?family=Open+Sans%3A600&ver=4.0.9> could save 45B (18% reduction).
- Compressing <http://fonts.googleapis.com/css?family=Open+Sans&ver=4.0.9> could save 42B (18% reduction).
- Compressing <http://fonts.googleapis.com/css?family=Open+Sans&subset=greek-ext&ver=4.0.9> could save 41B (17% reduction).

**Minify HTML**

A (98)

◆ AVG SCORE: 94%

CONTENT

LOW

Minifying the following HTML resources could reduce their size by 1.1KiB (6% reduction).

- Minifying <http://toolsqa.com/> could save 1.1KiB (6% reduction) after compression. See [optimized version](#)

**Avoid bad requests**

A (100)

◆ AVG SCORE: 98%

CONTENT

HIGH

You scored 100% on this recommendation - nothing to do here!

**Avoid a character set in the meta tag**

A (100)

◆ AVG SCORE: 95%

CONTENT

HIGH

You scored 100% on this recommendation - nothing to do here!

**Enable Keep-Alive**

A (100)

◆ AVG SCORE: 97%

SERVER

HIGH

You scored 100% on this recommendation - nothing to do here!

**Inline small CSS**

A (100)

◆ AVG SCORE: 95%

CSS

HIGH

You scored 100% on this recommendation - nothing to do here!

**Inline small JavaScript**

A (100)

◆ AVG SCORE: 97%

JS

HIGH

You scored 100% on this recommendation - nothing to do here!

**Minimize request size**

A (100)

◆ AVG SCORE: 99%

CONTENT

HIGH

You scored 100% on this recommendation - nothing to do here!

**Optimize images**

A (100)

▲ AVG SCORE: 80%

IMAGES

HIGH

You scored 100% on this recommendation - nothing to do here!

**Put CSS in the document head**

A (100)

◆ AVG SCORE: 100%

CSS

HIGH

You scored 100% on this recommendation - nothing to do here!



**Specify a Vary: Accept-Encoding header**

A (100)

 AVG SCORE: 91%

SERVER

HIGH

You scored 100% on this recommendation - nothing to do here!

**Specify a character set early**

A (100)

 AVG SCORE: 97%


CONTENT

HIGH

You scored 100% on this recommendation - nothing to do here!

**Avoid CSS @import**

A (100)

 AVG SCORE: 96%

CSS

MEDIUM

You scored 100% on this recommendation - nothing to do here!

**Combine images using CSS sprites**

A (100)

 AVG SCORE: 84%

IMAGES

MEDIUM

You scored 100% on this recommendation - nothing to do here!

**Prefer asynchronous resources**

A (100)



 AVG SCORE: 97%

JS

MEDIUM



You scored 100% on this recommendation - nothing to do here!

## YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
<b>Add Expires headers</b>		 AVG SCORE: 26%	SERVER	HIGH



There are 8 static components without a far-future expiration date.

- <http://fonts.googleapis.com/css?family=Lato:100,300,regular,700,900|Open+Sans:300|Indie+Flower:regular|Oswald:300,regular,700&subset=latin,latin-ext>
- <http://fonts.googleapis.com/css?family=Open+Sans&subset=greek-ext&ver=4.0.9>
- <http://fonts.googleapis.com/css?family=Open+Sans%3A300&ver=4.0.9>
- <http://fonts.googleapis.com/css?family=Open+Sans&ver=4.0.9>
- <http://fonts.googleapis.com/css?family=Open+Sans%3A600&ver=4.0.9>
- <http://fonts.googleapis.com/css?family=Open+Sans:400,800,300,700>
- [https://d5nxs18fruw4z.cloudfront.net/atr.gif?frame\\_height=790&frame\\_width=1024&iframe=0&title=TOOLSQA%20%7C%20Tutorials%20on%20Selenium%20%20Java%20%20TestNG%20%20Cucumber%20%20Spec%20Flow%20%20Maven%20%20IBATIS%20%20Appium%20%20Mobile%20Automation&time=1457511760621&time\\_zone\\_offset=480&screen\\_params=1024x861x24&java\\_enabled=0&cookie\\_enabled=1&ref\\_url=&host\\_url=http%3A%2F%2Ftoolsqa.com%2F&random\\_number=18928164490&sess\\_cookie=7a923b611535a7882ede524a0a8&sess\\_cookie\\_flag=1&user\\_cookie=7a923b611535a7882ede524a0a8&user\\_cookie\\_flag=1&dynamic=true&domain=toolsqa.com&account=SJusj1agkg00ga&jsv=20130128&user\\_lang=en-US](https://d5nxs18fruw4z.cloudfront.net/atr.gif?frame_height=790&frame_width=1024&iframe=0&title=TOOLSQA%20%7C%20Tutorials%20on%20Selenium%20%20Java%20%20TestNG%20%20Cucumber%20%20Spec%20Flow%20%20Maven%20%20IBATIS%20%20Appium%20%20Mobile%20Automation&time=1457511760621&time_zone_offset=480&screen_params=1024x861x24&java_enabled=0&cookie_enabled=1&ref_url=&host_url=http%3A%2F%2Ftoolsqa.com%2F&random_number=18928164490&sess_cookie=7a923b611535a7882ede524a0a8&sess_cookie_flag=1&user_cookie=7a923b611535a7882ede524a0a8&user_cookie_flag=1&dynamic=true&domain=toolsqa.com&account=SJusj1agkg00ga&jsv=20130128&user_lang=en-US)
- <http://www.google-analytics.com/analytics.js>

<b>Make fewer HTTP requests</b>		 AVG SCORE: 37%	CONTENT	HIGH
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This page has 27 external Javascript scripts. Try combining them into one.

This page has 19 external stylesheets. Try combining them into one.

<b>Use a Content Delivery Network (CDN)</b>		 AVG SCORE: 12%	SERVER	MEDIUM
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Using a CDN YSlow doesn't recognize? Specify your CDNs in your [User Settings](#).

There are 3 static components that are not on CDN.

- <http://toolsqa.com/wp-content/uploads/layerslider/LayerSlider-5-responsive-demo-slider/bg4.jpg>
- <http://toolsqa.com/wp-content/uploads/2014/08/Toolsqa1.jpg>
- <http://www.toolsqa.com/wp-content/uploads/2014/08/happy-students.png>



<b>Reduce the number of DOM elements</b>		 AVG SCORE: 92%	CONTENT	LOW
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There are 1510 DOM elements on the page

<b>Avoid URL redirects</b>		 AVG SCORE: 86%	CONTENT	MEDIUM
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There are 2 redirects

- <http://www.toolsqa.com/> redirects to <http://toolsqa.com/>
- <http://cloudfront-labs.amazonaws.com/x.png> redirects to <http://abd47a68d3eb65940ab2b1a97f4408141.profile.atl50.cloudf...>

<b>Reduce DNS lookups</b>		 AVG SCORE: 75%	CONTENT	LOW
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The components are split over more than 4 domains

- [www.toolsqa.com](http://www.toolsqa.com/): 2 components, 164.4K
- [toolsqa.com](http://toolsqa.com/): 3 components, 163.5K (24.7K GZip)
- [20tni1sjxyh352kld2lsivc.wpengine.netdna-cdn.com](http://20tni1sjxyh352kld2lsivc.wpengine.netdna-cdn.com/): 64 components, 2854.1K (643.3K GZip)

- fonts.googleapis.com: 6 components, 4.3K (0.9K GZip)
- d31qbv1cthcecs.cloudfront.net: 1 component, 3.7K (1.4K GZip)
- d5nxt8fruw4z.cloudfront.net: 1 component, 0.04K
- cloudfront-labs.amazonaws.com: 1 component, 0.05K
- www.google-analytics.com: 1 component, 26.2K (10.9K GZip)
- abd47a68d3eb65940ab2b1a97f4408141.profile.atl50.cloudfront.net: 1 component, 0.05K

## Use cookie-free domains

B (85)



AVG SCORE: 47%

COOKIE

LOW

There are 3 components that are not cookie-free

- <http://toolsqa.com/wp-content/uploads/layerslider/LayerSlider-5-responsive-demo-slider/bg4.jpg>
- <http://toolsqa.com/wp-content/uploads/2014/08/Toolsqa1.jpg>
- <http://www.toolsqa.com/wp-content/uploads/2014/08/happy-students.png>

## Avoid empty src or href

A (100)



AVG SCORE: 100%

CONTENT

HIGH

You scored 100% on this recommendation - nothing to do here!

## Compress components with gzip

A (100)



AVG SCORE: 73%

SERVER

HIGH

You scored 100% on this recommendation - nothing to do here!

## Minify JavaScript and CSS

A (100)



AVG SCORE: 70%

CSS/JS

MEDIUM

You scored 100% on this recommendation - nothing to do here!

## Make AJAX cacheable

A (100)



AVG SCORE: 100%

JS

MEDIUM

You scored 100% on this recommendation - nothing to do here!

## Put CSS at the top

A (100)



AVG SCORE: 100%

CSS

MEDIUM

You scored 100% on this recommendation - nothing to do here!

## Remove duplicate JavaScript and CSS

A (100)



AVG SCORE: 100%

CSS/JS

MEDIUM

You scored 100% on this recommendation - nothing to do here!

## Put JavaScript at bottom

A (100)



AVG SCORE: 100%

JS

MEDIUM

You scored 100% on this recommendation - nothing to do here!

## Avoid AlphasLoader filter

A (100)



AVG SCORE: 98%

CSS

MEDIUM

You scored 100% on this recommendation - nothing to do here!

**Avoid HTTP 404 (Not Found) error**

A (100)

◆ AVG SCORE: 99%

CONTENT

MEDIUM

You scored 100% on this recommendation - nothing to do here!

**Do not scale images in HTML**

A (100)

◆ AVG SCORE: 100%

IMAGES

LOW

You scored 100% on this recommendation - nothing to do here!

**Use GET for AJAX requests**

A (100)

◆ AVG SCORE: 100%

JS

LOW

You scored 100% on this recommendation - nothing to do here!

**Avoid CSS expressions**

A (100)

◆ AVG SCORE: 98%

CSS

LOW

You scored 100% on this recommendation - nothing to do here!

**Reduce cookie size**

A (100)

◆ AVG SCORE: 100%

COOKIE

LOW

You scored 100% on this recommendation - nothing to do here!

**Make favicon small and cacheable**

A (100)

◆ AVG SCORE: 100%

IMAGES

LOW

You scored 100% on this recommendation - nothing to do here!

**Configure entity tags (ETags)**

A (100)

▲ AVG SCORE: 74%

SERVER

LOW

You scored 100% on this recommendation - nothing to do here!

**Make JavaScript and CSS external**

(n/a)

CSS/JS

MEDIUM

Only consider this if your property is a common user home page.

- There is a total of 5 inline css
- There is a total of 10 inline scripts